

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1 1. (Currently Amended) A method of communications between a first device
2 and a Universal Serial Bus (USB) peripheral device over a network, comprising:
3 receiving, by a system, a message from the first device to establish a
4 communications session with the USB peripheral device, the message being according to
5 a first protocol defining real-time interactive sessions;
6 establishing a communications session between the first device and the
7 system over the network; and
8 converting, in the system, between data according to the first protocol and
9 data according to a second protocol that defines a USB peripheral link from the system to
10 the USB peripheral device.

1 2. (Currently Amended) ~~The method of claim 1~~ A method of
2 communications between a first device and a peripheral device over a network,
3 comprising:
4 receiving, by a system, a message from the first device to establish a
5 communications session with the peripheral device, the message being according to a
6 first protocol defining real-time interactive sessions;
7 establishing a communications session between the first device and the
8 system over the network; and
9 converting, in the system, between data according to the first protocol and
10 data according to a second protocol that defines a peripheral link from the system to the
11 peripheral device,
12 wherein receiving the message includes receiving a Session Initiation
13 Protocol message, and
14 wherein the peripheral link is selected from the group consisting of a
15 Universal Serial Bus port, a parallel port, a serial port, a Small Computer Systems
16 Interface port, and a Personal Computer Memory Card International Association port.

SCS?

PCMCIA

1 3. (Original) The method of claim 1, wherein establishing the
2 communications session includes establishing one of a Session Initiation Protocol session
3 and an H.323 session.

1 4. (Original) The method of claim 2, wherein converting the data includes
2 converting between a Session Initiation Protocol format and a Universal Serial Bus
3 format.

1 5. (Cancelled) ✓

1 6. (Currently Amended) The method of claim 1, wherein establishing the
2 communications session includes establishing a streaming call session.

1 7. (Original) The method of claim 6, wherein establishing the streaming call
2 session includes establishing a Session Initiation Protocol session.

1 8. (Currently Amended) The method of claim 1, further comprising sending
2 one or more commands to the USB peripheral device to control operation of the USB
3 peripheral device.

1 9. (Currently Amended) The method of claim 1, further comprising sending
2 status information of the USB peripheral device to the first device.

1 10. (Currently Amended) The method of claim 1, further comprising
2 establishing a real-time call session between the first device and the USB peripheral
3 device.

1 11. (Currently Amended) The method of claim 1, wherein establishing the
2 communications session includes establishing a conferencing session among the first
3 device, the USB peripheral device, and another device.

1 12. (Original) The method of claim 11, wherein establishing a conferencing
2 session includes establishing a multicast session.

1 13. (Currently Amended) ~~The method of claim 1, further comprising:~~ A
2 method of communications between a first device and a peripheral device over a network,
3 comprising:

4 receiving, by a system, a message from the first device to establish a
5 communications session with the peripheral device, the message being according to a
6 first protocol defining real-time interactive sessions;

7 establishing a communications session between the first device and the
8 system over the network;

9 converting, in the system, between data according to the first protocol and
10 data according to a second protocol that defines a peripheral link from the system to the
11 peripheral device;

12 receiving another message to establish a second communications session
13 while the first communication session is active; and

14 performing one of sending a busy indication and over-riding the first
15 communications session.

1 14. (Original) The method of claim 1, further comprising:
2 establishing a communications session between the first device and a
3 second system; and

4 converting, in the second system, between data according to the first
5 protocol and data according to the second protocol.

1 15. (Cancelled) ✓

1 16. (Currently Amended) ~~The system of claim 15~~ A system comprising:
2 a first interface capable of communicating with a packet-based network
3 according to a first protocol that defines real-time interactive communications sessions
4 received over the packet-based network;
5 a second interface capable of communicating with a peripheral device
6 according to a second protocol; and
7 a controller to convert a message according to the first protocol to data
8 according to the second protocol for communicating to the peripheral device,
9 wherein the peripheral device includes a Universal Serial Bus device.

1 17. (Original) The system of claim 16, wherein the first protocol includes one
2 of a Session Initiation Protocol and an H.323 Recommendation.

1 18. (Currently Amended) ~~The system of claim 15, further comprising A~~
2 system comprising:
3 a first interface capable of communicating with a packet-based network
4 according to a first protocol that defines real-time interactive communications sessions
5 received over the packet-based network;
6 a second interface capable of communicating with a peripheral device
7 according to a second protocol;
8 a controller to convert a message according to the first protocol to data
9 according to the second protocol for communicating to the peripheral device; and
10 a Session Initiation Protocol stack to process Session Initiation Protocol
11 messages,
12 wherein the second interface is selected from the group consisting of a
13 Universal Serial Bus port, a parallel port, a serial port, a Small Computer Systems
14 Interface port, and a Personal Computer Memory Card International Association port.

1 19. (Currently Amended) The system of claim ~~15~~16, wherein the second
2 interface includes a Universal Serial Bus interface.

1 20. (Original) The system of claim 19, further comprising a Universal Serial
2 Bus client to manage communications with the peripheral device.

1 21. (Original) The system of claim 20, further comprising an interface
2 between the controller and the Universal Serial Bus client, the interface including one or
3 more application programming interfaces.

1 22. (Original) The system of claim 21, wherein plural application
2 programming interfaces are assigned different uniform resource locators.

1 23. (Currently Amended) The system of claim ~~15~~18, wherein the second
2 interface is adapted to receive an indication of a status change of the peripheral device,
3 the controller adapted to send one or more messages to a remote device over the packet-
4 based network concerning the status change.

1 24. (Currently Amended) The system of claim ~~15~~18, wherein the data
2 communicated to the peripheral device includes a command to control operation of the
3 peripheral device.

1 25. (Currently Amended) The system of claim ~~15~~18, wherein the controller is
2 adapted to establish a real-time interactive call session with a remote device coupled to
3 the packet-based network and the peripheral device.

1 26. (Cancelled) ✓

1 27. (Currently Amended) ~~The method of claim 26~~ A method of accessing a
2 non-telephony device coupled to a system over a link defined according to a first
3 protocol, comprising:
4 receiving, by the system, a message from a telephony device, the message
5 defined according to a telephony protocol; and

6 converting the telephony protocol message into data according to the first
7 protocol for communication over the link to the non-telephony device,
8 wherein the telephony protocol includes a Session Initiation Protocol.

1 28. (Original) The method of claim 27, wherein the first protocol includes a
2 Universal Serial Bus protocol.

1 29. (Currently Amended) ~~The method of claim 26~~ A method of accessing a
2 non-telephony device coupled to a system over a link defined according to a first
3 protocol, comprising:
4 receiving, by the system, a message from a telephony device, the message
5 defined according to a telephony protocol; and
6 converting the telephony protocol message into data according to the first
7 protocol for communication over the link to the non-telephony device,
8 wherein the first protocol includes a Universal Serial Bus protocol.

1 30. (Currently Amended) The method of claim ~~26~~29, wherein receiving the
2 message includes receiving a Session Initiation Protocol Invite request.

1 31. (Currently Amended) The method of claim ~~26~~27, further comprising
2 sending, in response to the received message, one or more commands to the non-
3 telephony device to perform one or more predetermined actions by the non-telephony
4 device.

1 32. (Currently Amended) An article including one or more machine-readable
2 storage media containing instructions for controlling a system coupled to a packet-based
3 network and a peripheral link, the instructions when executed causing the system to:
4 communicate a message over the packet-based network, the message
5 defined according to a Session Initiation Protocol ~~first protocol for real time interactive~~
6 ~~sessions;~~

7 convert between the message and data according to a second protocol
8 defining communications over the peripheral link; and
9 communicate the data over the peripheral link, the peripheral link selected
10 from the group consisting of a Universal Serial Bus port, a parallel port, a serial port, a
11 Small Computer Systems Interface port, and a Personal Computer Memory Card
12 International Association port.

1 33. (Original) The article of claim 32, wherein the one or more storage media
2 contain instructions that when executed cause the system to communicate a command to
3 control operation of a peripheral device coupled to the peripheral link.

1 34. (Currently Amended) The article of claim 32, wherein the messages
2 according to the Session Initiation Protocol ~~first protocol~~ and the data according to the
3 second protocol are part of a voice-based call session.

1 35. (Original) The article of claim 32, wherein the one or more storage media
2 contain instructions that when executed cause the system to receive data from the
3 peripheral link indicative of a status change of a peripheral device coupled to the
4 peripheral link.

1 36. (Currently Amended) The article of claim 32, wherein ~~the first protocol~~
2 ~~includes a Session Initiation Protocol and~~ the second protocol includes a Universal Serial
3 Bus protocol.

1 37. (Currently Amended) A data signal embodied in a carrier wave
2 comprising one or more code segments containing instructions for controlling a system
3 coupled to a packet-based network and a peripheral link, the instructions when executed
4 causing the system to:

5 receive a message from ~~the~~ a first device to establish a communications
6 session with ~~the~~ a Universal Serial Bus (USB) peripheral device, the message being
7 defined by a first protocol defining real-time interactive sessions;

8 establish a communications session between the first device and the
9 system over the network; and
10 convert between data according to the first protocol and data according to
11 a ~~second~~ USB protocol defining a peripheral link from the system to the USB peripheral
12 device.

1 38. (Cancelled) ✓

1 39. (Cancelled) ✓

1 40. (Cancelled) ✓

1 41. (New) The data signal of claim 37, wherein receiving the message
2 comprises receiving a Session Initiation Protocol message.